

1 **ABSTRACT**

2 Data classification using stochastic key feature generation includes  
3 obtaining a set of training data having associated summaries. The set of training  
4 data and associated summaries are used to generate a key feature generation  
5 model. Another set of training data having associated categories is also obtained,  
6 and the key feature generation model is used to map this other set of training data  
7 to a set of vectors. A data classifier is then trained based on the set of vectors and  
8 the associated categories.

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